

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A receiver, comprising:

a high frequency demodulator circuit for demodulating a received signal; and
~~with a high-cut control de-emphasis circuit [[,]] the high-cut control de-emphasis~~
~~circuit, connected in the stage following a the high frequency demodulator circuit for~~
~~demodulating a received signal, and , the high-cut control de-emphasis circuit comprising a~~
plurality of selectable resistive elements,

wherein the high-cut control de-emphasis circuit provides ~~having both~~ a high-cut
control function and a de-emphasis function that is variable based on a selection of the
plurality of selectable resistive elements, the selection based on a the reception level.

2. (Currently Amended) A receiver, comprising:

a demodulation unit for demodulating a received signal;
an attenuation unit which is connected in the stage following the demodulation
unit and which has both a high-cut control function and a de-emphasis function and
attenuates the high frequency component of a received signal;
a variable unit for making the cut-off frequency of the attenuation unit
variable, the variable unit comprising a plurality of selectable resistive elements; and
a generation unit for generating a control signal for controlling the operation
of the variable unit based on the reception level of the received signal, the control signal
directing a selection of the plurality of selectable resistive elements.

3. (Original) The receiver according to claim 2, wherein

the generation unit generates a control signal for controlling the operation of
the variable unit based on the reception level of the FM reception signal.

4. (Original) The receiver according to claim 2, wherein

the generation unit generates a control signal so that the cut-off frequency of the attenuation unit becomes smaller as the reception level of the received signal becomes lower.

5. (Currently Amended) A receiver, comprising:

a demodulation unit for demodulating a FM reception signal;

a plurality of selectable resistor ~~consisting of two or more~~ resistors connected ~~in the stage~~ following the demodulation unit;

a changeover unit for selecting ~~changing over the~~ a resistance value of the plurality of selectable resistors;

a capacitor which attenuates the high frequency component of the demodulated FM signal in combination with the resistance value ~~resistor~~; and

a generation unit for generating a control signal for controlling the changeover operation of the changeover unit based on the reception level of the FM signal.

6. (Original) The receiver according to claim 5, wherein the generation unit generates a control signal so that the resistance value ~~of the resistors~~ becomes larger as the reception level of the received signal becomes lower.

7. (Currently Amended) A receiver which receives an FM signal or an AM signal, comprising:

a demodulation unit for demodulating the FM signal or the AM signal;

a plurality of selectable resistor ~~consisting of two or more~~ resistors connected ~~in the stage~~ following the demodulation unit;

a changeover unit for selecting ~~changing over the~~ a resistance value of the plurality of selectable resistors;

a capacitor which attenuates the high frequency component of the demodulated FM signal or AM signal in combination with the resistance value ~~resistor~~;

a first generation unit for generating a first control signal for controlling the changeover operation of the changeover unit based on the reception level of the FM signal;

a second generation unit for generating a second control signal for AM for controlling the changeover operation of the changeover unit based on the reception level of the AM signal; and

a selection unit for selecting either the first control signal or the second control signal for AM based on a received signal and outputting the selected signal to the changeover unit.

8. (Currently Amended) The receiver according to claim 7, wherein

the first generation unit generates a first control signal so that the resistance value of the resistor becomes larger as the reception level of the FM signal becomes lower.

9. (Previously presented) The receiver according to claim 7, further comprising:

a third generation unit for generating a third control signal for FM for controlling the changeover operation of the changeover unit in order to change the time constant of the de-emphasis function, and wherein

the selection unit selects either the first control signal, the second control signal for AM or the third control signal for FM based on a received signal and outputs the selected signal to the changeover unit.

10. (New) The receiver according to claim 1, wherein the high-cut control function and de-emphasis function share a capacitive element.

11. (New) The receiver according to claim 2, wherein the high-cut control function and de-emphasis function share a capacitive element.

12. (New) The receiver according to claim 5, wherein the changeover unit comprises a switch that selects at least one of the plurality of selectable resistors.

13. (New) The receiver according to claim 5, wherein the capacitor in part provides a de-emphasis function.

DOCKET NO.: TIC-0081
Application No.: 10/519,753
Office Action Dated: February 8, 2007

**PATENT
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PROCEDURE PURSUANT TO
37 CFR § 1.116**

14. (New) The receiver according to claim 7, wherein the changeover unit comprises a switch that selects at least one of the plurality of selectable resistors.
15. (New) The receiver according to claim 7, wherein the capacitor in part provides a de-emphasis function.